

December 2, 1988

TO: File

FROM: D. Wayne Hedberg, Reclamation Hydrologist *DWH*

RE: Field Inspection, 5 M Incorporated, Etna Mine Site,
S/021/009, Iron County, Utah

On December 2, 1988, Division staff members Wayne Hedberg, Holland Shepherd and Scott Johnson visited the location of this old mine site which has been reactivated by 5 M Incorporated.

The Etna Mine is an old silver and gold prospect, the mine site is accessed by following State Highway 53 approximately 2 miles southwest of Modena, Utah. At this point, the gravelled turnoff to the Gold Springs area is located. Follow this BLM road approximately 10.2 miles north to the mine site. The mine site is located just off the right hand side of this primary access road in the middle of a previously burned and chained clearing.

No activity was occurring at the mine site during our field visit; however, there has been recent activity at the site. A new head frame has been constructed over the old shaft which is being refurbished underground by the operator. There were two, 2" plastic discharge water lines leading from the shaft to an adjacent ephemeral wash. The operator has been using these to discharge water from the mine shaft prior to stabilizing the shaft and removal of new ore. A concern was noted at the discharge ends of these two water lines. Significant erosion has been occurring due to the highly erodible nature of the fill material at the discharge points. The operator will be contacted and advised that these two water lines should be extended down into the stream channel. Sufficient energy dissipating measures should also be taken within the stream channel to minimize channel scour from the discharged water.

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There has been some new grading and road building work done on site. It was not apparent that any topsoil had been stockpiled or salvaged from the new disturbances. This disturbance will warrant ongoing observation due to its high erosion potential.

Onsite mining facilities and equipment consist of: a small caterpillar tractor, a bobcat loader and wench, a diesel generator, a small trailer, lumber and timbers. Several old rusting dilapidated structures and a number of older concrete foundations from previous mining activity also exist on the site. No other mining related activity was noted during our site visit.

jb
cc: Scott Spooner, BLM, Beaver River Resource Area
Lowell Braxton
Minerals Team
MN2/30-31